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**Information Communication
Technology Systems Design and
Implementation Best Practices
for Healthcare Institutions
and Facilities**



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Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities

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PREFACE

Revision History

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- April 25, 2018** Revision of ANSI/BICSI 004-2012, retitled and published as ANSI/BICSI 004-2018, *Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities*

Major revisions include:

- Expansion of Section 5, *Regulatory Bodies and Regulations*
- Expansion of content for communication and ICT infrastructure
- Expansion of content for wireless systems
- Addition of passive optical networks
- Expansion of content for architectural aspects of healthcare facilities
- Addition of content for telemedicine and communication suites
- Content revision for notification and intercom systems
- Addition of content for emergency medical services radio, sound and acoustical systems, sound masking, and digital signage and wayfinding
- Addition of Appendix B, *Network Security*
- Addition of Appendix C, *Network Design Principles*

Minor revisions include:

- Restructure of former Sections 1-8 with relevant content relocated into the new structure
- Added content for electrical power
- Added content for security control frameworks
- Minor revisions of healthcare systems
- Revision of real time location systems
- Other content updates and editorial corrections

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